



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name SIGMA INSPECTION AND TESTING PVT LTD, PLOT NO 1607 PHASE I AND 2
LIONS SCHOOL ROAD, AHMEDABAD, GUJARAT , INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5042 Page No. : 1 / 2

Validity 01/04/2019 to 31/03/2021 Last Amended on 12/04/2019

| S.No | Discipline / Group | Product / Material of Test | Specific Test Performed | Test Method Specification against which tests are performed | Range of Testing/ Limits of Detection |
|---------------------------|---------------------------------|----------------------------|---------------------------------------|--|---------------------------------------|
| Permanent Facility | | | | | |
| 1 | NON-DESTRUCTIVE-METALS & ALLOYS | Casting and Weldments | Detection of flaw with Radio isotope | IS 2595, INDUSTRIAL RADIOGRAPHIC TESTING: 2008 | Qualitative(20mm to 150mm) |
| 2 | NON-DESTRUCTIVE-METALS & ALLOYS | Castings | Detection of flaw with Radio isotope | EN 12681, Founding Radiographic Examination: 2017 | Qualitative(10 mm to 150 mm) |
| 3 | NON-DESTRUCTIVE-METALS & ALLOYS | Castings | Detection of flaw with Radio isotopes | ASME Sec-V, Boiler and Pressure Vessel Code : 2017 | Qualitative(4mm to 150mm) |
| 4 | NON-DESTRUCTIVE-METALS & ALLOYS | Castings | Detection of flaw with Radio isotopes | ASME B16.34, MANDATORY APPENDIX 1: 2017 | Qualitative(4mm to 150mm) |
| 5 | NON-DESTRUCTIVE-METALS & ALLOYS | Weldments | Detection of flaw with Radio isotopes | ASME Sec-V,Boiler and Pressure Vessel Code: 2017 | Qualitative(4mm to 150mm) |
| 6 | NON-DESTRUCTIVE-METALS & ALLOYS | Weldments | Detection of flaw with Radio isotopes | EN 1435, Radiographic testing of welded joints: 2002 | Qualitative(4mm to 150mm) |
| 7 | NON-DESTRUCTIVE-METALS & ALLOYS | Weldments | Detection of flaw with Radio isotopes | IS 1182, Recommended practice for radiographic examination of fusion welded butt joints in steel plates.: 1983 | Qualitative(12.5mm to 150mm) |



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|----------------------|---------------------------------|----------------------------|---------------------------------------|--|---------------------------------------|
| Site Facility | | | | | |
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